Comments for improving this chart to the Director, Charting and Geodetic Services (N/CG22), National Ocean Service, NOAA, Rockville, Maryland 20852

"Serving The Nation"
John A. Knauss Administrator

Formerly 13-256 1st Ed. Nov. 1969

SOUNDINGS IN FEET

Nautical Chart Catalog No. 4, Panel L

79°10' (CONTINUED ON CHART 14806) 79°08' 79°06' 79°04' 79°02' (CONTINUED ON CHART 14806) 79°00'

L A K E O N T A R I O

U.S. - CANADA

NIAGARA BAR

Rumsey Shoal

DANGER AREA

FORT NIAGARA

FORT MISSISSAUGA

CAMP NIAGARA

SPIRE

TANK

FORT GEORGE

NIAGARA-ON-THE-LAKE

YOUNGSTOWN

Four Mile Point

Four Mile Pond

Two Mile Creek

Four Mile Creek

Eight Mile Creek

Fourmile Creek

State Park

Robert Moses Parkway

Naval Reserve

Pierce Marine Corp

Customs & Immigration

Niagara Frontier Performing Arts Center

STACK SPIRE

LEWISTON

QUEENSTON

BRITISH MONUMENT (Floodlighted)

Fish Creek

MAGNETIC

ANNUAL INCREASE 6'

NOAA VHF-FM WEATHER BROADCASTS

The National Weather Service station listed below provides continuous marine weather broadcasts. The range of reception is variable, but for most stations is usually 20 to 40 miles from the antenna site.

Buffalo, New York KEB-98 162.55 MHz (Chan. WX-1)

RADAR REFLECTORS

Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

CAUTION

Temporary changes or defects in aids to navigation are not indicated on this chart. See Notice to Mariners.

During some winter months or when endangered by ice, certain aids to navigation are replaced by other types or removed. For details see U.S. Coast Guard Light List.

CAUTION

Improved channels shown by broken lines are subject to shoaling, particularly at the edges.

CAUTION

Only marine radiobeacons have been calibrated for surface use. Limitations on the use of certain other radio signals as aids to marine navigation can be found in the U.S. Coast Guard Light Lists and Defense Mapping Agency Publication 117.

Radio direction-finder bearings to commercial broadcasting stations are subject to error and should be used with caution.

Station positions are shown thus:

⊙(Accurate location) ⊙(Approximate location)

CAUTION

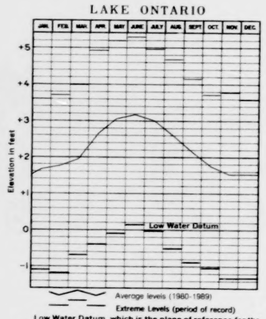
Due to periodic high water conditions in the Great Lakes, some features charted as visible at Low Water Datum may be submerged, particularly in the near shore areas. Mariners should proceed with caution.

WARNING

The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot 6 for details.

℗ Pump-out facilities

LAKE ONTARIO



Low Water Datum, which is the plane of reference for the levels shown on the above hydrograph, is also the plane of reference for the charted depths. If the lake level is above or below Low Water Datum, the existing depths are correspondingly greater or lesser than the charted depths.

POLLUTION REPORTS

Report all spills of oil and hazardous substances to the National Response Center via 800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

FEET METERS STATUTE MILES

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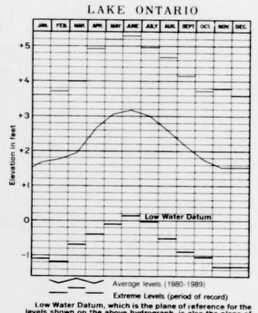

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NOAA NATIONAL OCEAN SERVICE

UNITED STATES - GREAT LAKES

LAKE ONTARIO - NEW YORK

LOWER NIAGARA RIVER

Polyconic Projection
Scale 1:30,000
North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FEET

NOTES

PLANE OF REFERENCE OF THIS CHART (Low Water Datum). Depths are referred to the sloping surface at the river when Lake Ontario is at elevation 242.8 feet. Referred to mean water level at Father Point (Pointe au Père), Quebec, International Great Lakes Datum (1955).

AIDS TO NAVIGATION. Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation. See Canadian List of Lights, Buoys and Fog Signals for information not included in the U.S. Coast Guard Light List.

SYMBOLS AND ABBREVIATIONS. For complete list of symbols and abbreviations see Chart No. 1.

AUTHORITIES. Hydrography and topography by the National Ocean Service, Charting and Geodetic Services with additional data from the Corps of Engineers, Geological Survey, U.S. Coast Guard, and Canadian authorities.

BRIDGE AND OVERHEAD CABLE CLEARANCES. When the water surface is above Low Water Datum, bridge and overhead clearances are reduced correspondingly. For clearances see U.S. Coast Pilot 6.

SUPPLEMENTAL INFORMATION

Consult U.S. Coast Pilot 6 for important supplemental information.

HORIZONTAL DATUM

The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 0.212" northward and 0.821" eastward to agree with this chart.

NOTE A

Navigation regulations are published in Chapter 2, U.S. Coast Pilot 6. Additions or revisions to Chapter 2 are published in the Notices to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 9th Coast Guard District in Cleveland, Ohio, or at the Office of the District Engineer, Corps of Engineers in Buffalo, New York.

Refer to charted regulation section numbers.

LOGARITHMIC SPEED SCALE

To find SPEED, place one point of dividers on distance run (in any unit) and the other on minutes run. Without changing divider spread, place right point on 60 and left point will then indicate speed in units per hour. Example: with 4.0 nautical miles run in 15 minutes, the speed is 16.0 knots.

FEET

METERS

STATUTE MILES

NIAGARA FALLS ONT.

NIAGARA FALLS N. Y.

LAKE ONTARIO

NIAGARA RIVER

QUEENSTON

LEWISTON

Goat Island

Cayuga Island

Reservoir

CANAL

HYDRO-ELECTRIC POWER CANAL

Niagara Glen

Whirlpool

Whitty's

Cyanamid of Canada Ltd.

Niagara Frontier Performing Arts Center

Robert Moses Parkway

Lewiston Pump-Generating Plant

Robert Moses Niagara Power Plant

Niagara Power Project

Queen Victoria Park

Rainbow Bridge

Whirlpool Bridge

Lower Chemical Corp. Subsidiary of Occidental Petroleum Corp.

Little River

Fish Creek

Fourth Mile Creek

BROCK MONUMENT (Floodlighted)

STACK

SPIRE

TOWER

TANK

TRFR

R MAST 2 Vert Lts

R TR 2 Vert Lts Oc R F R

SKYLON TR 3 Vert Lts Oc R 2F

PANASONIC CTR TR 3 Vert Lts F R 2F

Buffalo

Control Works

Niagara

Bridge

Mohawk St

Ontario St

Niagara St

Walnut St

Post Office

Robert Moses Parkway

Power Authority

Parkway

Thruway

Toll House

Canada

United States

For more detail see Chart No. 14832

(JOINS CHART 14832)

79°10' 79°08' 79°06' 45' 30' 15' 05' 50' 79°04' 79°02' 79°00' 78°58'

43°15' 43°12' 43°10' 43°08' 43°06' 43°04'

22nd Ed., Oct. 13/90 ■

14816

CSS.418/7: 14816/990

CAUTION

This chart has been corrected from the Notice to Mariners published weekly by the Defense Mapping Agency Hydrographic/Topographic Center, the Canadian Ministry of Transport and the Local Notice to Mariners issued periodically by each U.S. Coast Guard district to the date shown in the lower left-hand corner.

SOUNDINGS IN FEET

Published at Washington, D.C.
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE

FATHOMS 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17

FEET 6 12 18 24 30 36 42 48 54 60 66 72 78 84 90 96 102

METERS 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

(Lower Niagara River)

SOUNDINGS IN FEET · SCALE 1:30,000

14816

DMA STOCK NO. ... (NOAA 14816)